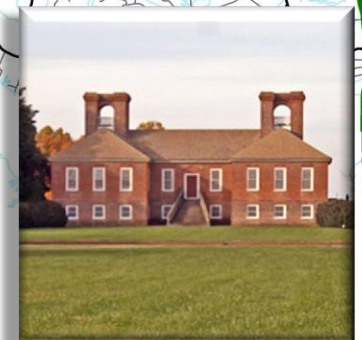




# ROUTE 3 NORTHERN NECK CORRIDOR IMPROVEMENT STUDY

WESTERN SECTION



VIRGINIA DEPARTMENT OF TRANSPORTATION  
FREDERICKSBURG DISTRICT PLANNING SECTION  
JUNE 2015

# Route 3 - Northern Neck

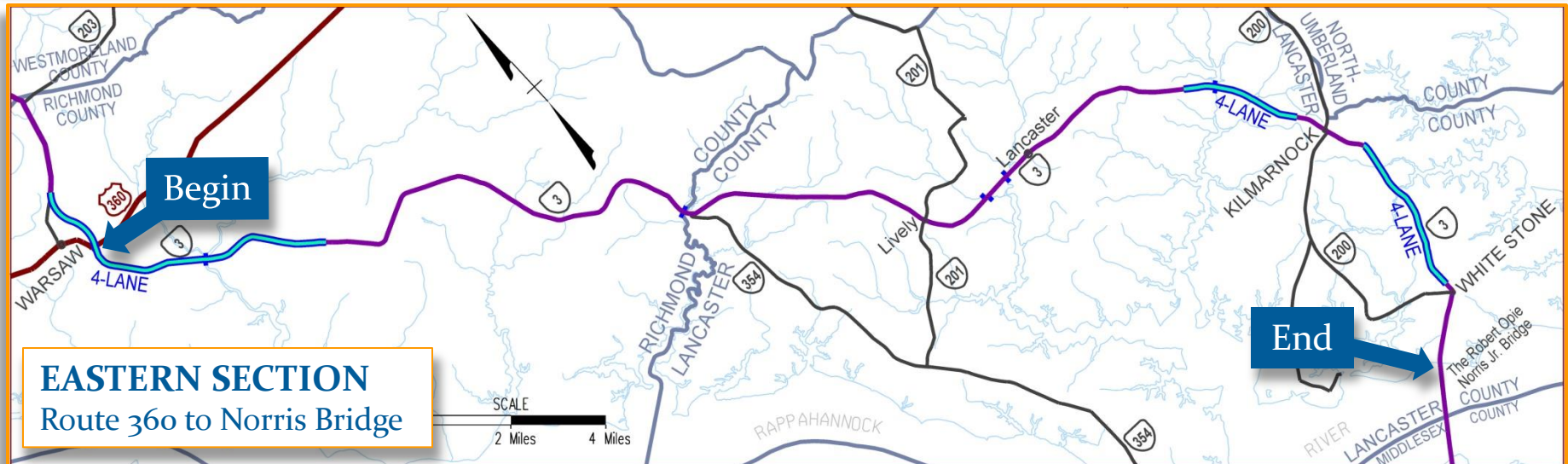
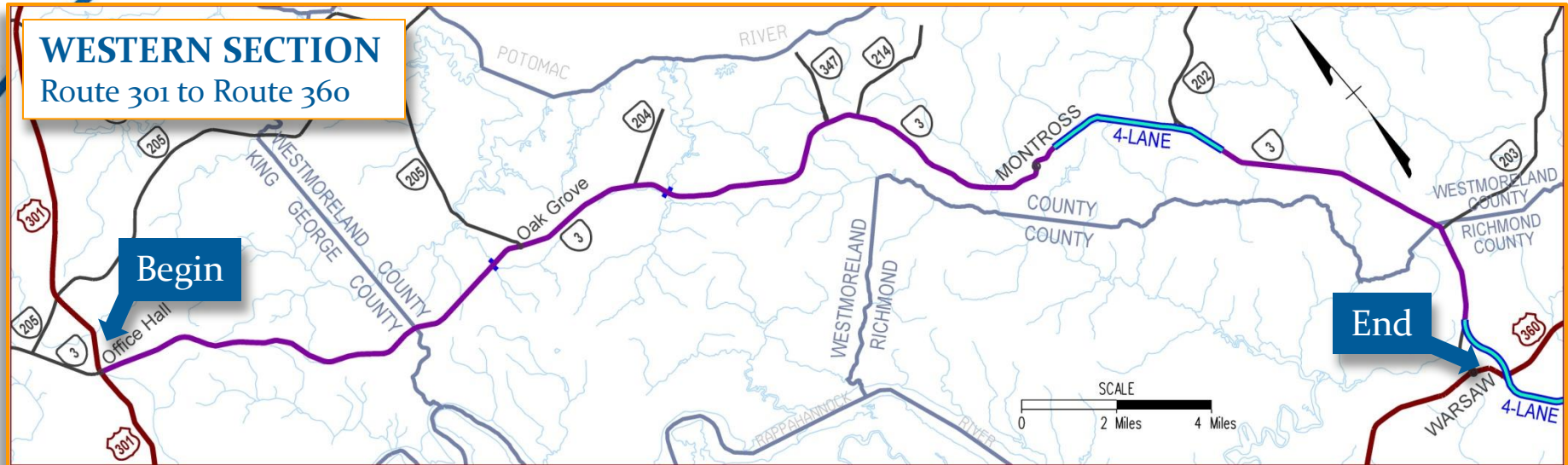
## Introduction

- Route 3 is the only roadway corridor in the Northern Neck that runs the entire length of the peninsula
- Route 3 in the Northern Neck is not solely a highway
- The purpose of this study is to identify alternatives for improvements to the Route 3 Corridor in the Northern Neck
- Recommendations will be made that can be incorporated into the individual County Comprehensive plans and that offer a consistent approach along the entire length of the corridor



# Route 3 - Northern Neck

## Study Location



# Route 3 - Northern Neck

## Functional Classification

The Federal Classification System consists of seven categories of roads

- Interstate
- Other Expressways and Freeways
- Other Principal Arterials
- Minor Arterials
- Major Collectors
- Minor Collectors
- Local

**Route 3 in the Northern Neck  
is classified as a  
Minor Arterial Highway**

### Characteristics of Minor Arterial Highways

- Link cities and larger towns, providing inter-state and inter-county service
- Are spaced at intervals so that all developed areas within a state are within a reasonable distance of an arterial highway
- Provide relatively high speeds and minimum interference to through movement

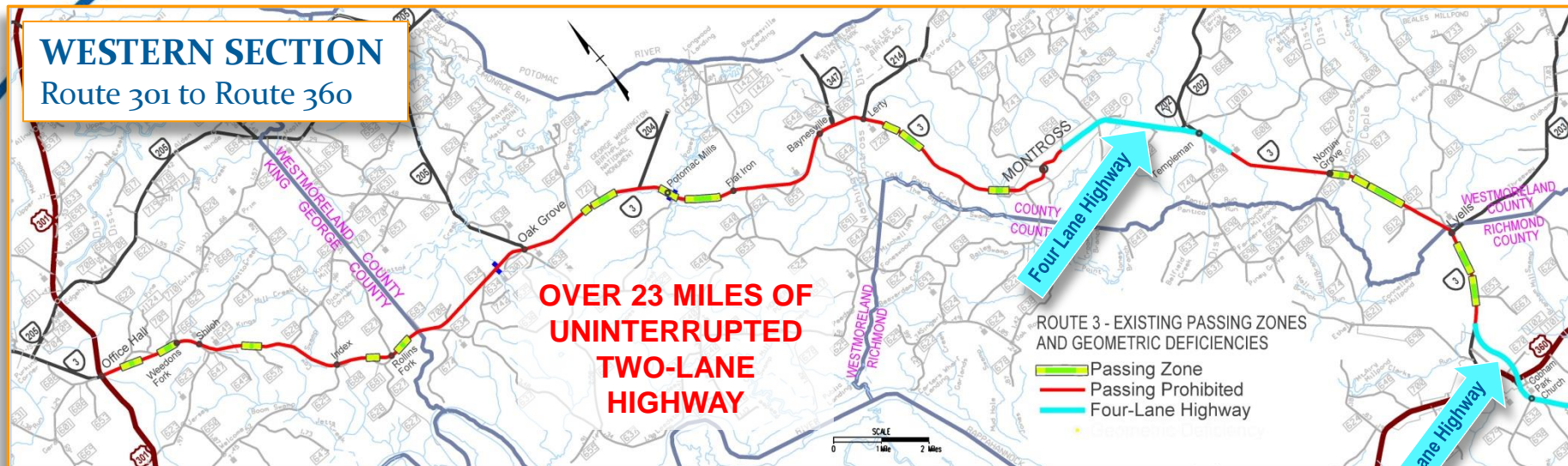


# Route 3 - Northern Neck

## Passing Zones and Geometric Deficiencies

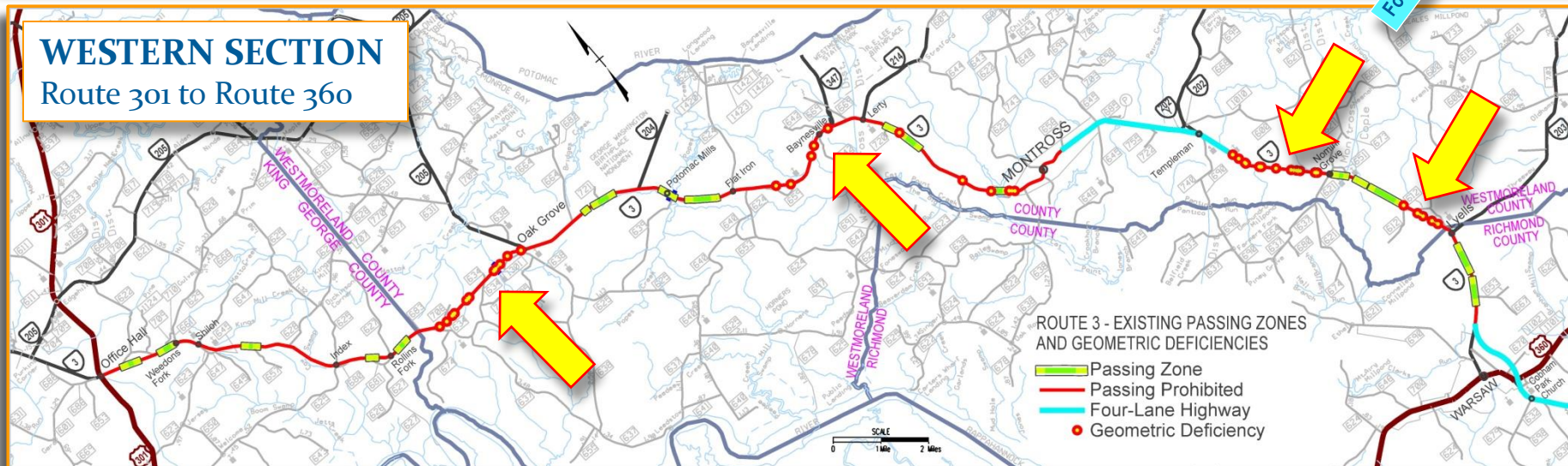
### WESTERN SECTION

Route 301 to Route 360



### WESTERN SECTION

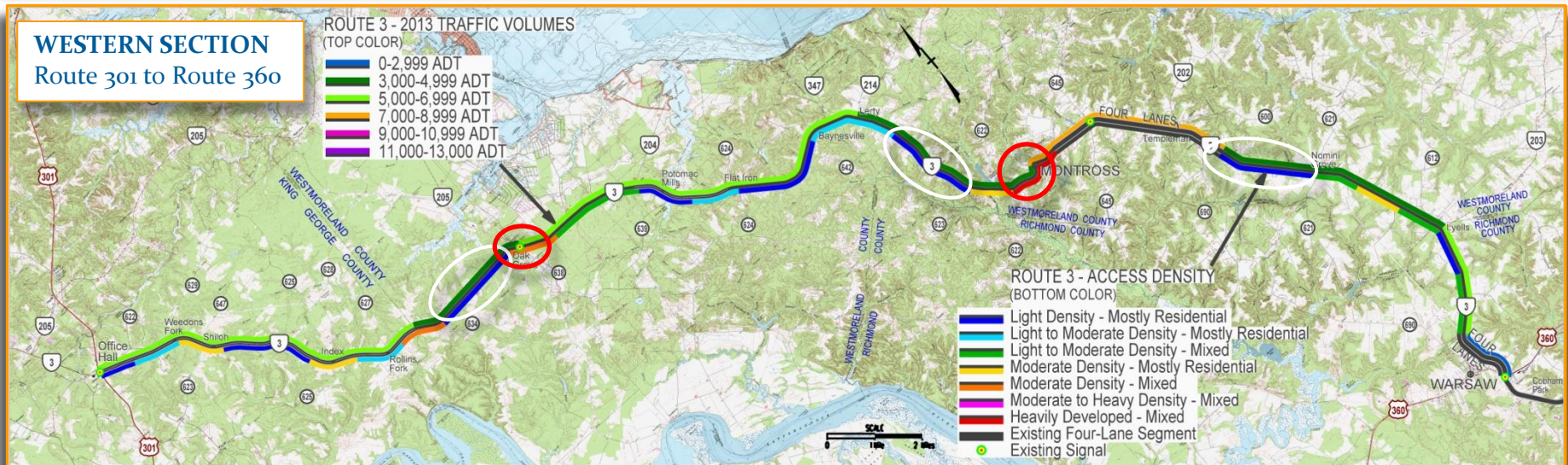
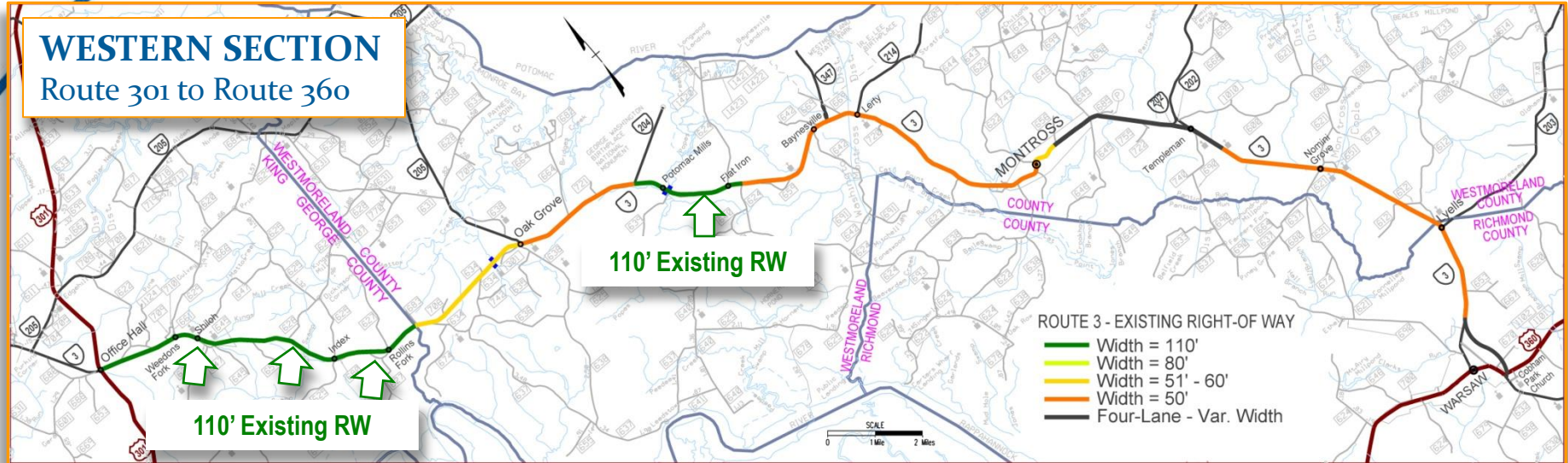
Route 301 to Route 360





# Route 3 - Northern Neck

## Existing Right-of-Way, Traffic Volumes, Access Density



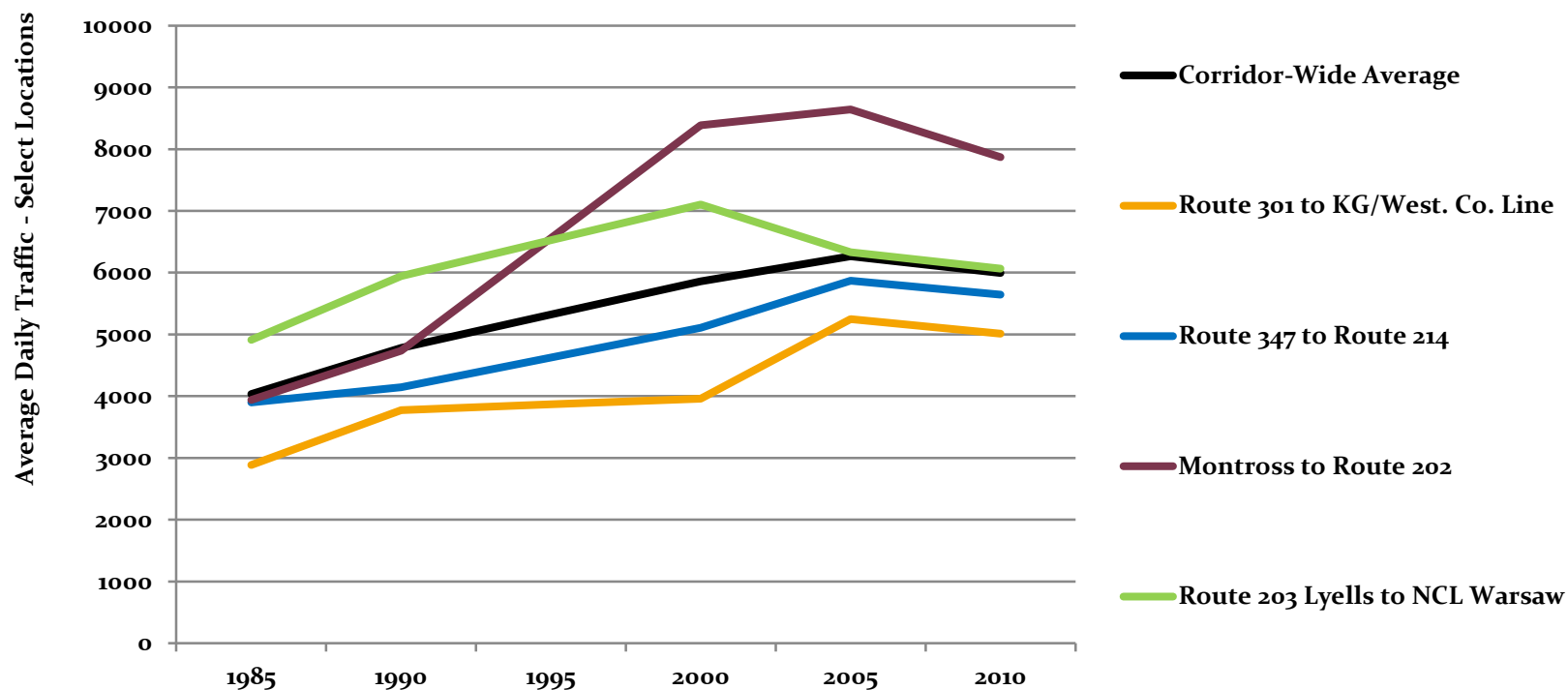
# Route 3 - Northern Neck

## Traffic Patterns and Trends

### Total Traffic Volumes on Route 3 - Northern Neck

1985 to 2010

Select Segments - Western Section



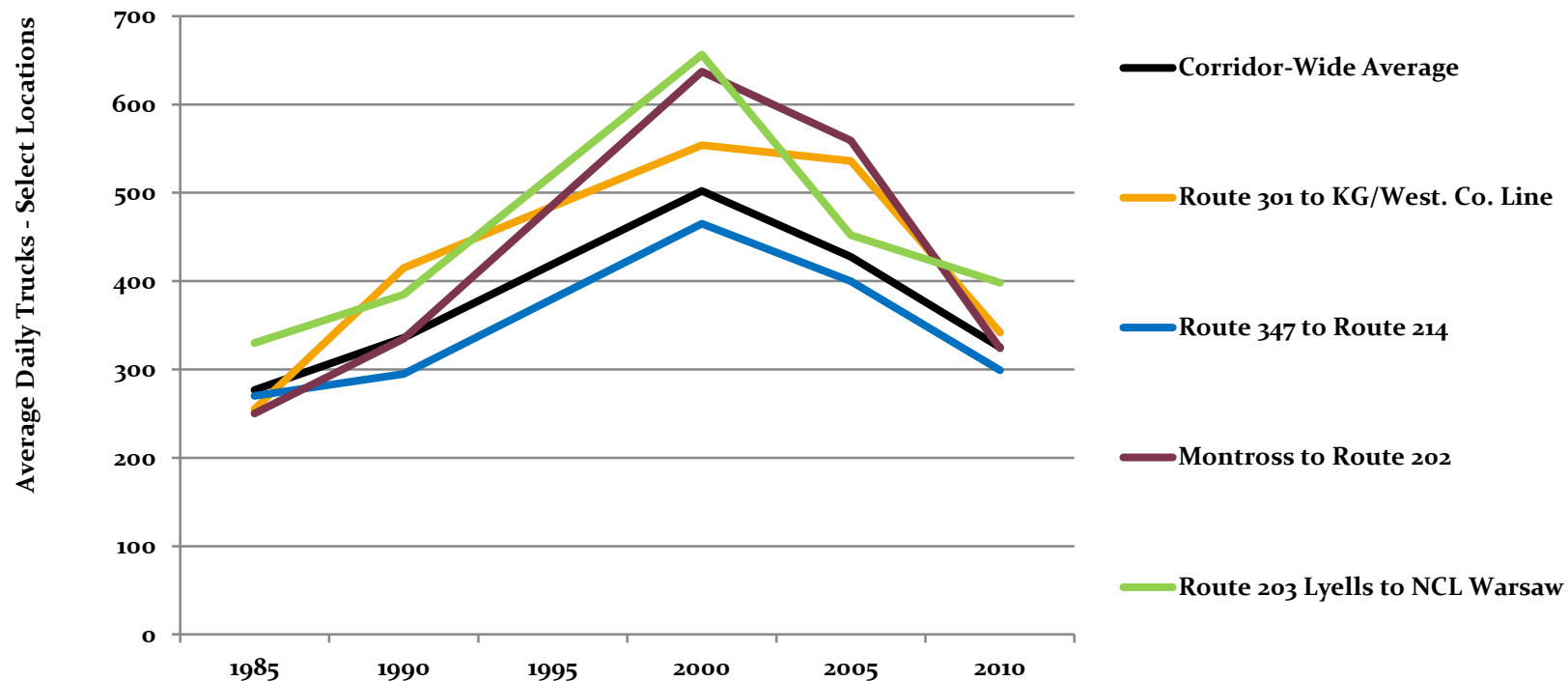
# Route 3 - Northern Neck

## Truck Volumes and Trends

### Truck Volumes on Route 3 - Northern Neck

1985 to 2010

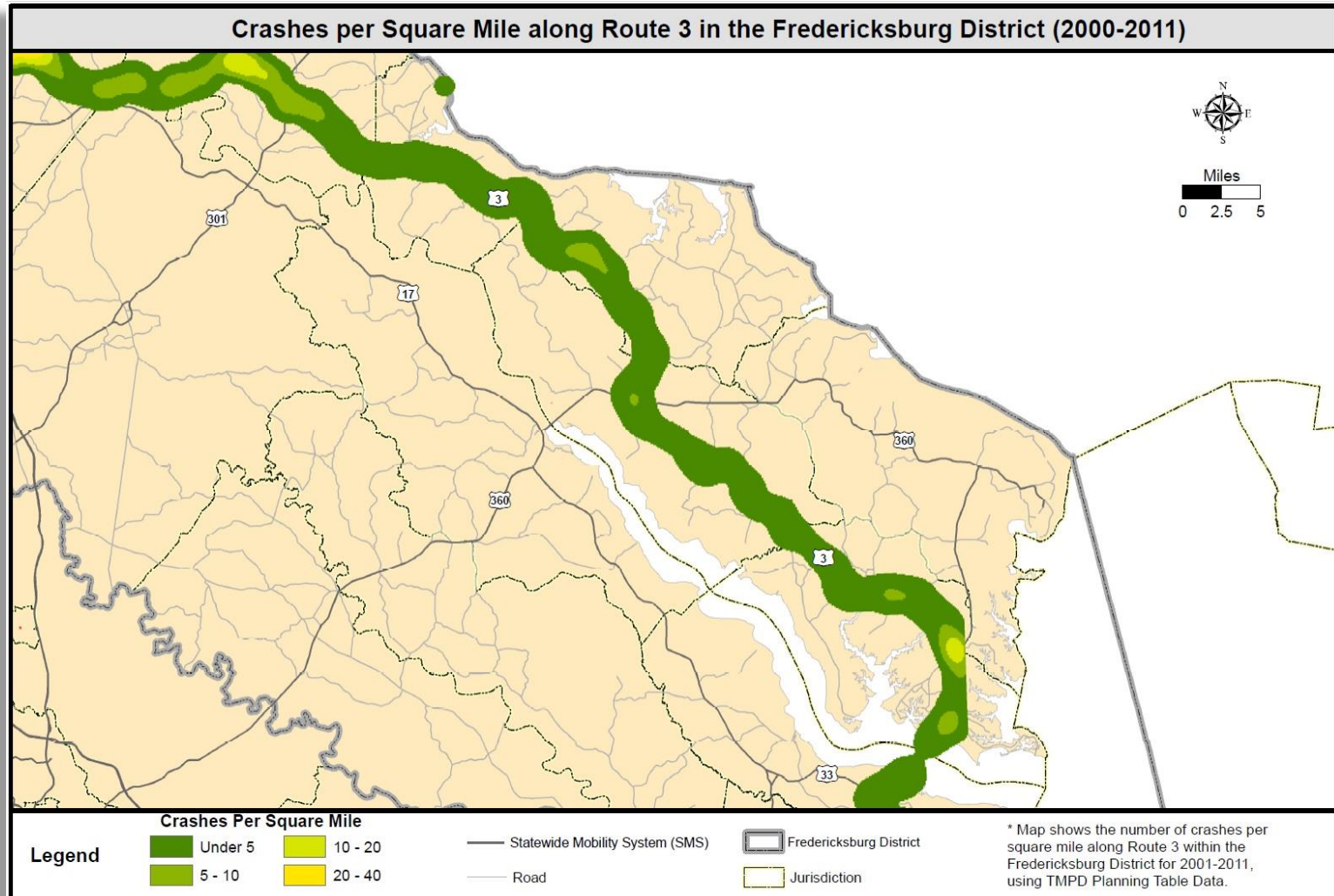
Select Segments - Western Section





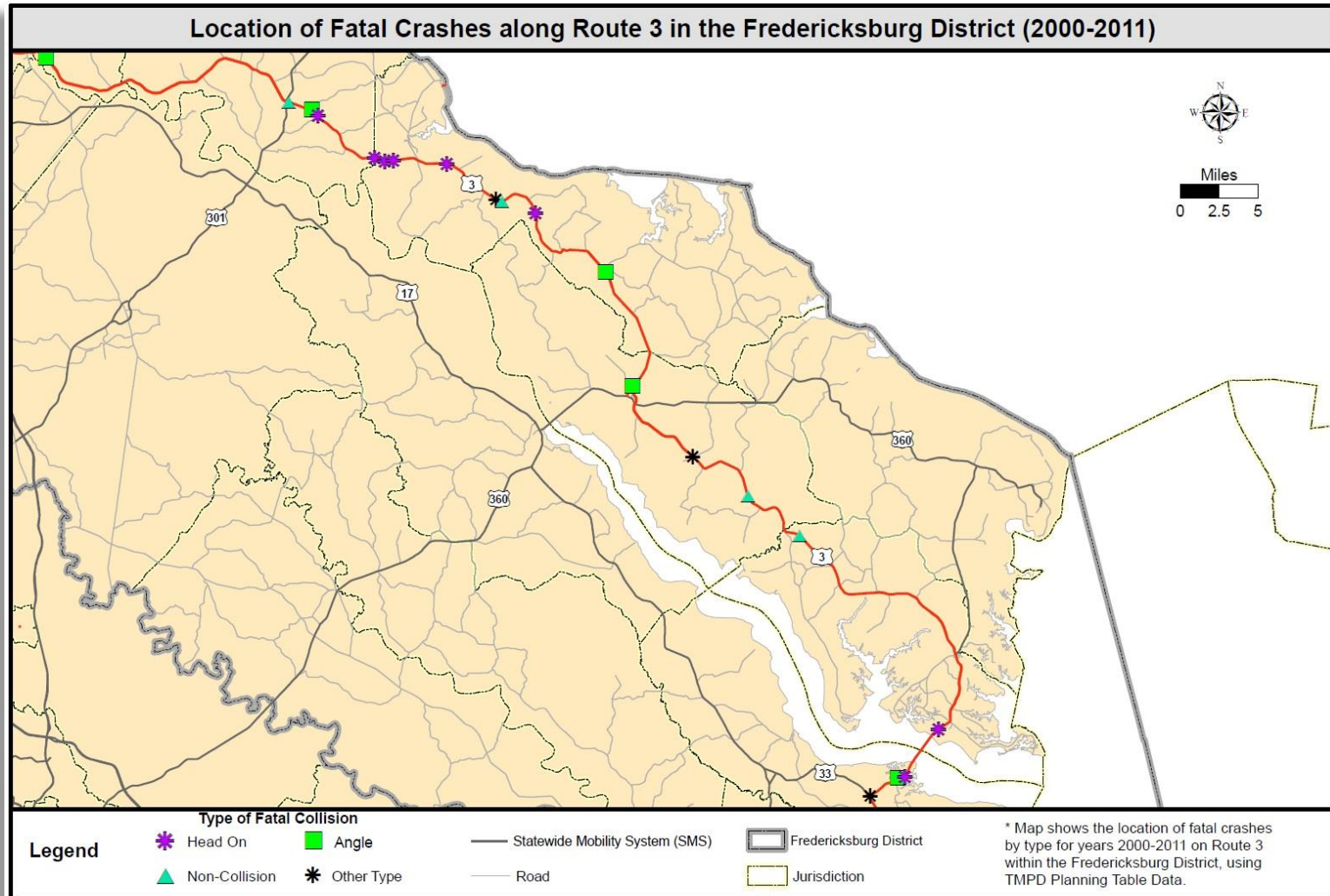
# Route 3 - Northern Neck

## Safety and Efficiency – Crash Rates (2000-2011)



# Route 3 - Northern Neck

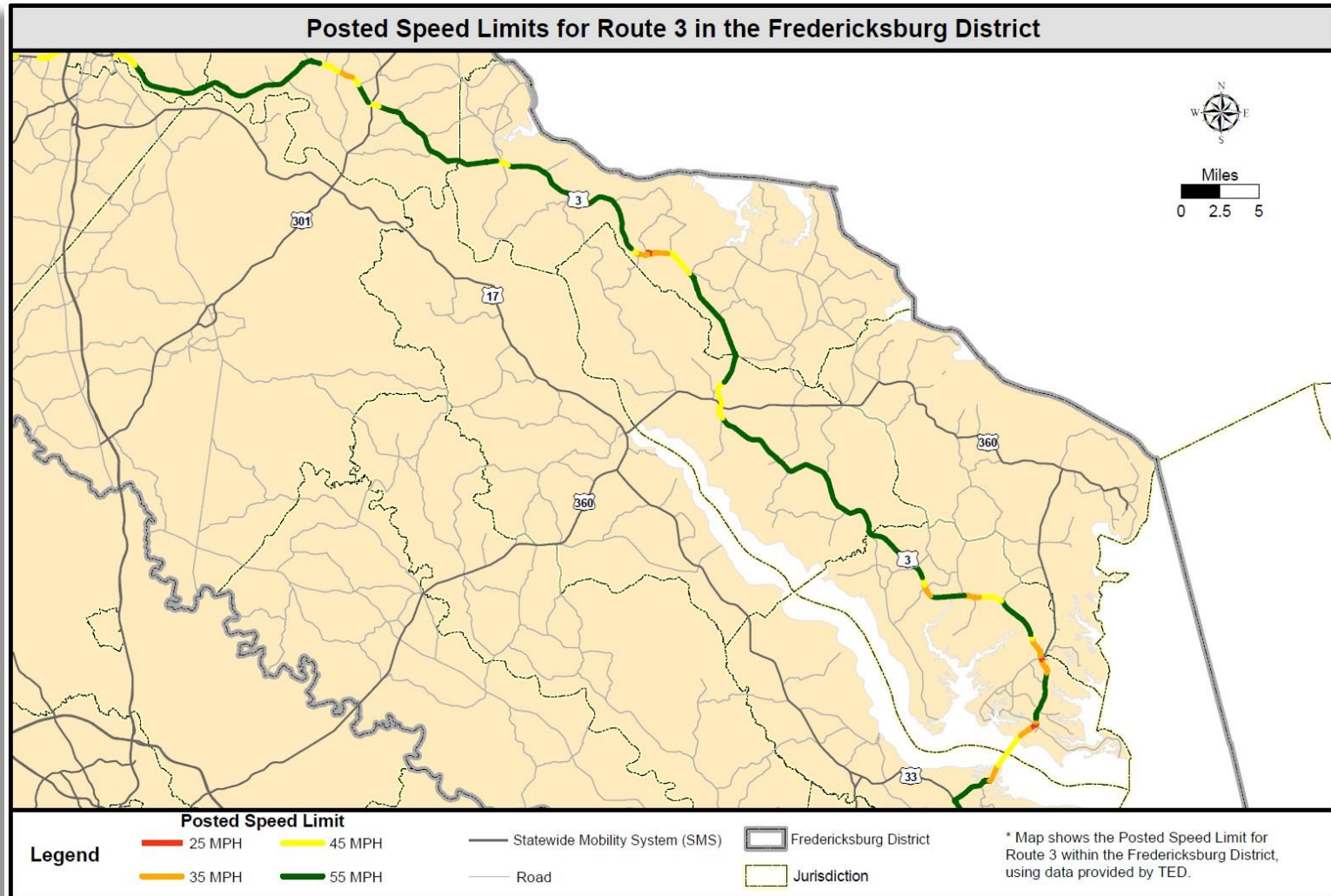
## Safety and Efficiency – Fatal Crashes (2000-2011)





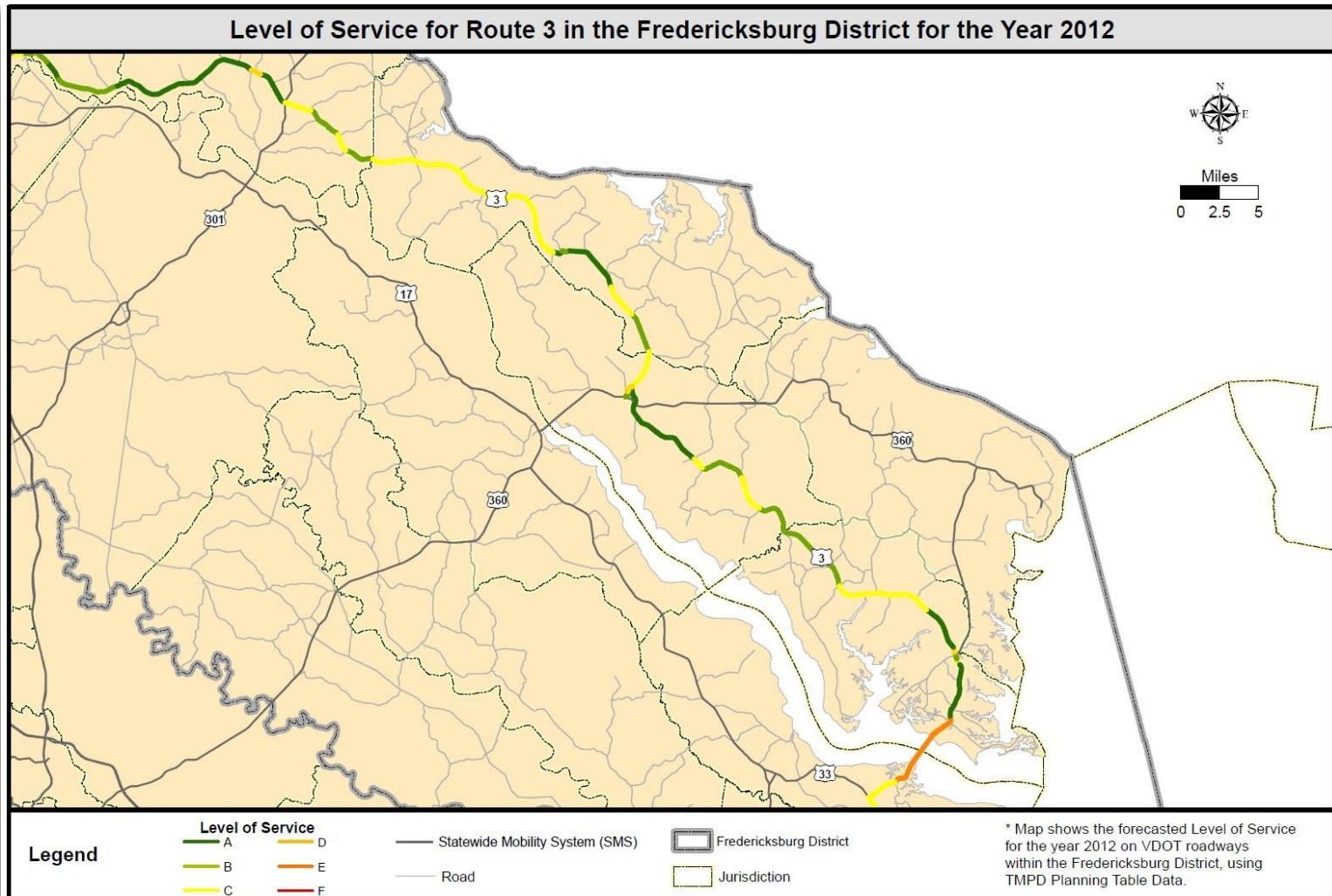
# Route 3 - Northern Neck

## Safety and Efficiency – Posted Speed Limits



# Route 3 - Northern Neck

## Safety and Efficiency – Level of Service





# Route 3 - Northern Neck

## Bicycle and Pedestrian Facilities

- Bicyclists share the road on most of Route 3, exceptions in areas with wide paved shoulders
- Sidewalks are rare outside developed areas
- Small need for pedestrian accommodations along most sections on Route 3 due to rural setting
- Pedestrian crossings of Route 3 are mostly within towns and villages
  - Montross crossings are being upgraded with current streetscape improvement
- Comp Plans from various jurisdictions in the Northern Neck reference bike/ped improvements
- Planned portions of the Potomac Heritage National Scenic Trail (PHNST) follow sections of Route 3 through the Northern Neck
- Any VDOT project is to assume bike/ped improvements will be included

# Route 3 - Northern Neck

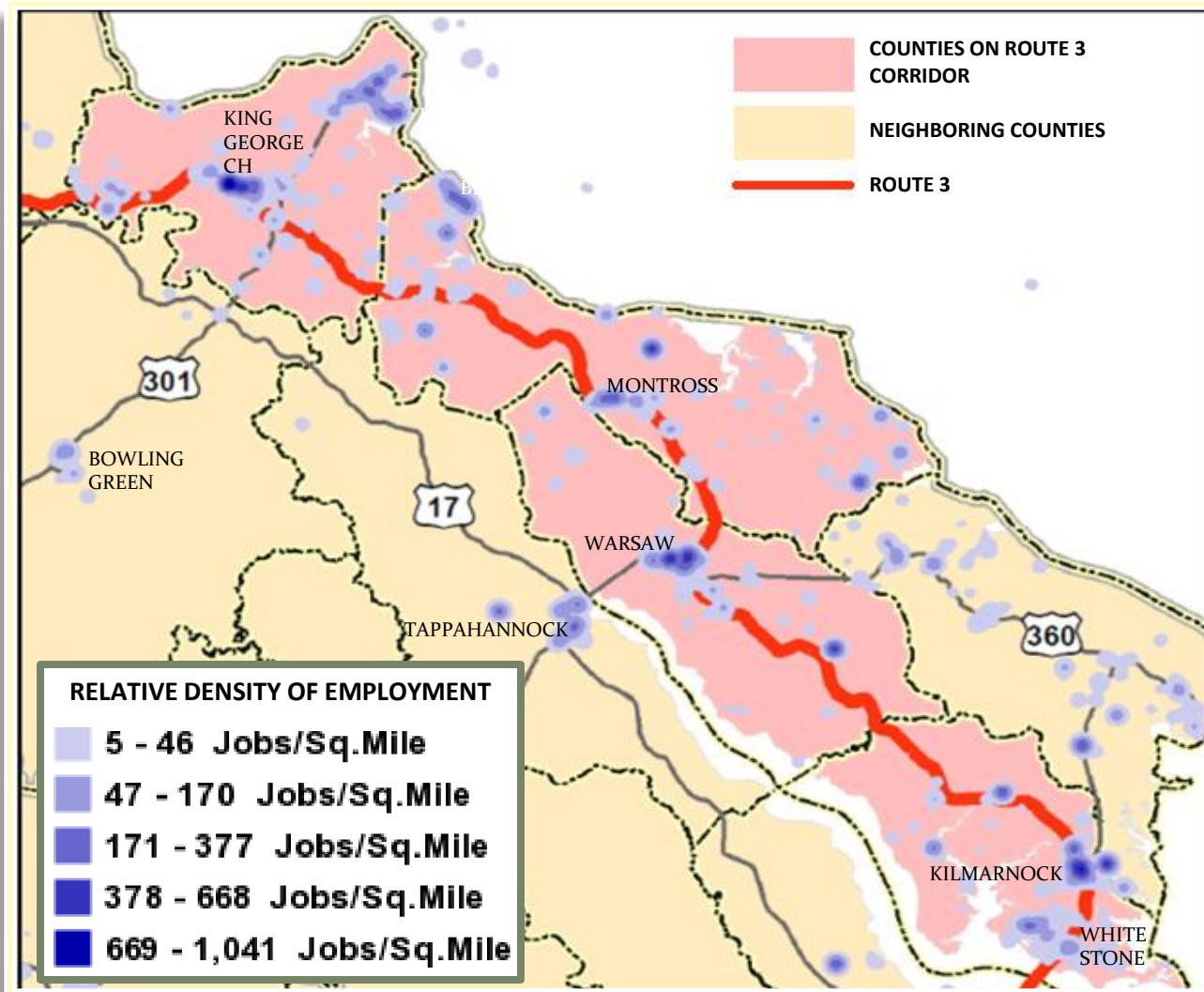
## Demographics - Population

- Population of counties along Route 3 Study Corridor total over 74,000 individuals
- Nearly one-third of this population resides in King George County, which also has the highest growth rate of any County in the study area
- The overall population growth of the Northern Neck area has decreased by approximately 10 percent between 2000 and 2010 when compared to the previous decade
- Population of Seniors in the Northern Neck area is proportionally higher than the statewide average, which is consistent with rural areas where “aging in place” occurs, as well as a significant influx of retirees from outside the area
- Population of Young Adults in the area is lower than the statewide average as many leave the region to seek employment



# Route 3 - Northern Neck

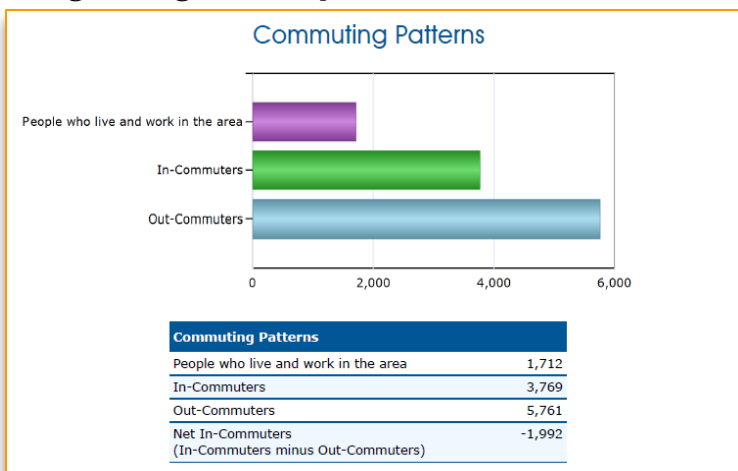
## Demographics – Employment



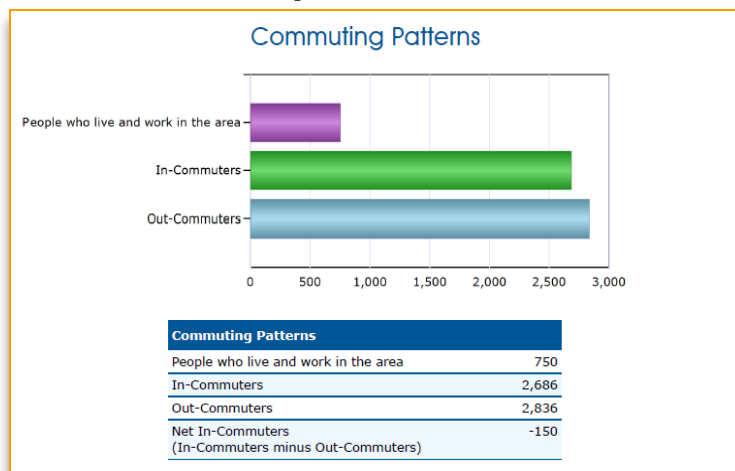
# Route 3 - Northern Neck

## Demographics – Employment – Commuting Patterns

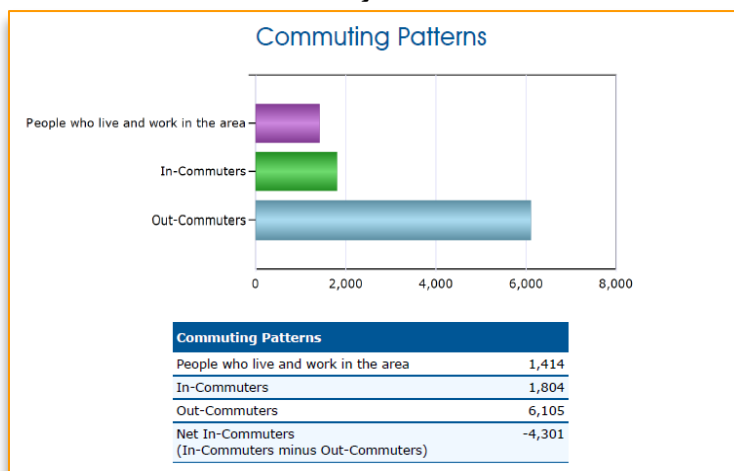
### King George County



### Richmond County



### Westmoreland County





# Route 3 - Northern Neck

## Existing Land Use – Western Section

### Route 301 to Route 360

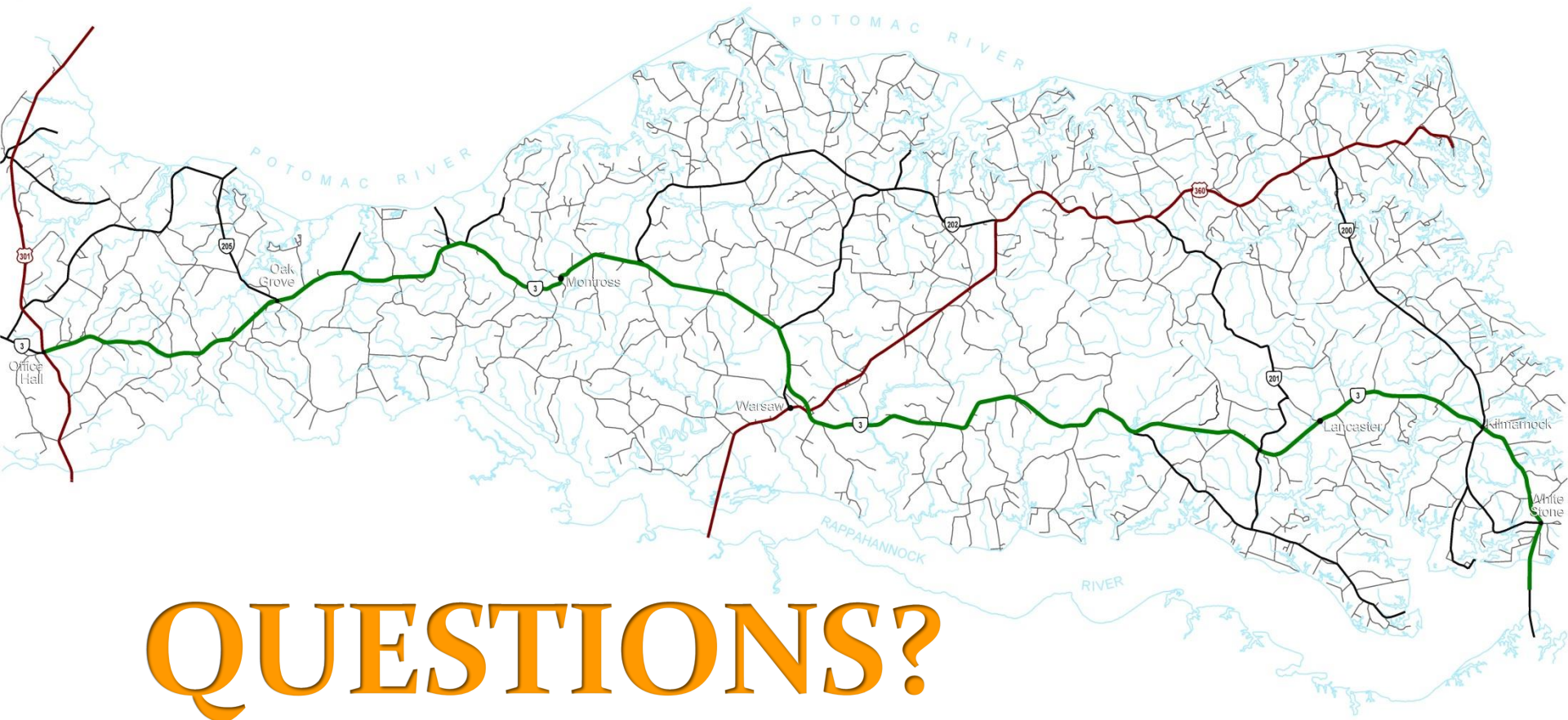


Source of Data: County GIS



# Route 3 - Northern Neck

# THANK YOU



# QUESTIONS?